

Coastal Impact Assistance Program (CIAP)
Required Information and Evaluation Criteria for Projects Nominated for CIAP
Funding

Information Required for all CIAP project Nomination submittals:

1. **Project Title:** Lake Salvador Shoreline Protection, Phase III
2. **Entity/Individual nominating the project:** St. Charles Parish (Earl Matherne)
3. **Contact Information:** St. Charles Parish
Coastal Zone Management Section
Earl Matherne
P.O. Box 302
Hahnville, Louisiana 70057
985-783-5060
ematherne@stcharlesgov.net
4. **Total CIAP funds requested:** \$2,500,000 (requested state participation 50-75%)
5. **Description and Location of Project:** Continuation of rock shoreline protection project on the north western bank of Lake Salvador in St. Charles Parish. Project will consist of installing approximately 7,300 linear feet of rock dike at or near the -1.0' NAVD 88 contour. Associated boat access and fish dips will be installed at approximate 1,000' intervals. Construction access will be via flotation channels excavated to -6.0 NAVD 88 or by direct placement (no flotation) in areas with sensitive cultural resources.
6. **Project Type:** Conservation, restoration and protection of coastal area, including wetlands.
7. **Project Justification:** The Lake Salvador shoreline is susceptible to erosion because of the long fetch across the lake, the vulnerable shoreline configuration and the highly unconsolidated sediment base. These factors are responsible for the high shoreline erosion rate in the Lake Salvador area of approximately 13 ft/yr (4 m/yr) (NMFS 1997, Louisiana Department of Natural Resources (LDNR) 1996). This chronic erosion has breached the lake shoreline in several locations, exposing fragile, highly organic marsh substrates to increased wave and tidal energy resulting in large, shallow pond formation in the interior marsh (LDNR 1996). The existing shoreline protection project (CWPPRA, BA-15) completed construction in 2005. Numerous delays in project scheduling and financial limitations caused approximately 7,300' linear feet of rock dike to be eliminated from the project. This proposed CIAP funded project would extend the current project to the limits of the original design.

